

1-12 (canceled)

13. (New) A cooking device, comprising:

 a housing;
 a cooking chamber arranged in said housing;
 a door on said housing for closing said cooking chamber; and

 at least one control and display panel with an optical luminous display which can display the different operating modes of said cooking chamber and the on and/or off modes of said cooking chamber.

14. (New) The cooking device according to claim 13, including said luminous display is a substantially linear luminous band.

15. (New) The cooking device according to claim 13, including said luminous display is a pulsating arrow.

16. (New) The cooking device according to claim 13, including said luminous display has a light intensity which is in direct relation to the temperature of said cooking chamber.

17. (New) The cooking device according to claim 13, including said luminous display has a color and/or color intensity which is in relation to the temperature of said cooking chamber.

18. (New) The cooking device according to claim 14, including said illuminated length of said substantially

linear luminous band is variable in relation to the temperature of said cooking chamber.

19. (New) The cooking device according to claim 13, including said luminous display blinks or displays a running light during a self-cleaning operation of said cooking chamber, such as pyrolysis.

20. (New) The cooking device according to claim 14, including said illuminated length of said substantially linear luminous band in a heating up phase of said cooking chamber has a first band portion which displays the temperature already reached as a steady light and a second band portion which displays the temperature yet to be reached as a blinking light.

21. (New) The cooking device according to claim 14, including said door including a viewing window having a width and said luminous display having a length substantially equal to said window width.

22. (New) The cooking device according to claim 13, including said luminous display further including a temperature scale.

23. (New) The cooking device according to claim 13, including said luminous display further including a digital temperature display.